

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

11/09/11

Nicole Starrett
Assistant District Attorney, Essex County

Dear ADA Nicole Starrett,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
[REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Lisa Glazer and Annie Dookhan.
3. Control Cards with analytical results for sample # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for sample # [REDACTED]

GC/MS testing was performed by Annie Dookhan. All other analyses were performed by Lisa Glazer. If you have any questions about these materials, please call me at the number below.

Sincerely,
A handwritten signature in black ink, appearing to read "Lisa Glazer".
Lisa Glazer
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6632

Curriculum Vitae

Lisa A. Glazer

Education

Bachelor of Science Degree, CHEMISTRY January 2006
UNIVERSITY OF NEW HAVEN
Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Bachelor of Science Degree, FORENSIC SCIENCE January 2006
UNIVERSITY OF NEW HAVEN
Coursework included: Organic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus, Biology, Criminal Justice and Forensic Science courses

Employment

Chemist I, II State Laboratory Institute (May 2007-Present)
Massachusetts Department of Public Health
Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2007.

Laboratory Technician I (August 2006 – May 2007)

University of Connecticut Chemistry Department - Storrs, CT

- Prepared unknowns, chemical reagents and supplies for undergraduate chemistry courses
- Set-up experiment demonstrations
- Properly disposed of hazardous waste from the experiments
- Made sure labs were being conducted safely
- Kept track of student laboratory paperwork, inventoried glassware and chemicals and helped clean glassware

Intern (September 2005 – November 2005)

CONNECTICUT STATE POLICE FORENSIC LABORATORY - Meriden, CT

- Worked on a Pyrolysis Gas Chromatography project
- Observed in the GSR testing, Forensic Biology, DNA, Questioned Documents, Black and White Photo, Latent Prints, Firearms, Trace Evidence and Color Photo Units

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma., Master of Science in Chemistry, (present)
University of Massachusetts, Boston, Ma., Bachelor of Science in Biochemistry, 2001

Experience:

2003 – present

Chemist II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of analytical instruments.

*Maintain the Quality Control of analytical instruments and controls/standards.

* Maintain the Quality Control/Quality Assurance program for the drug lab.

*Notary Public

2001 – 2003

QC Analyst II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the Massachusetts Biologic Laboratory, Quality Control and Quality Assurance Department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Method Development for creating new techniques for the QC Department.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC course with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with Massachusetts Biologic Laboratory and Sievers.

Association:

American Chemical Society (ACS)

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

LAG/ASD

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Hours
9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

29

City or Department: Lynn Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: DET. MARK RICHMOND

Defendant(s) Name (last, first, initial):
[REDACTED]

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

Lab Number

2	PB	BP	(HEROIN)	2.37 gm	[REDACTED]
1	PB	WP	(COCAINE)	2.04 g	[REDACTED]
					[REDACTED]
					[REDACTED]
					[REDACTED]
					[REDACTED]
					[REDACTED]
					[REDACTED]

Received by:

Date: 2-13-09

No. [REDACTED]

Date Analyzed: 10-22-09

City: Lynn Police Dept.

Officer: Detective MARK RICHMOND

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 2 Cont: pb

Date Rec'd: 02/13/2009

No. Analyzed: 1

Gross Wt.: 2.37 ✓

Net Weight: 0.25g

Tests: 2

Prelim:

Heroin

Findings:

Heroin

GCMNSO
G-1021092

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY LynnANALYST OKGNo. of samples tested: 1Evidence Wt. ✓PHYSICAL DESCRIPTION:Signed + sealedGross Wt (2): 0.9729gGross Wt (1): 0.4794gPkg. Wt: 0.2244gNet Wt: 0.2550g

- 2 pb's w/ brown powdery substance each in another pb

- pb's similar in size

PRELIMINARY TESTSSpot TestsCobalt Thiocyanate blue specksMicrocrystalline Tests

Gold Chloride _____

Marquis Purple

TLTA () _____

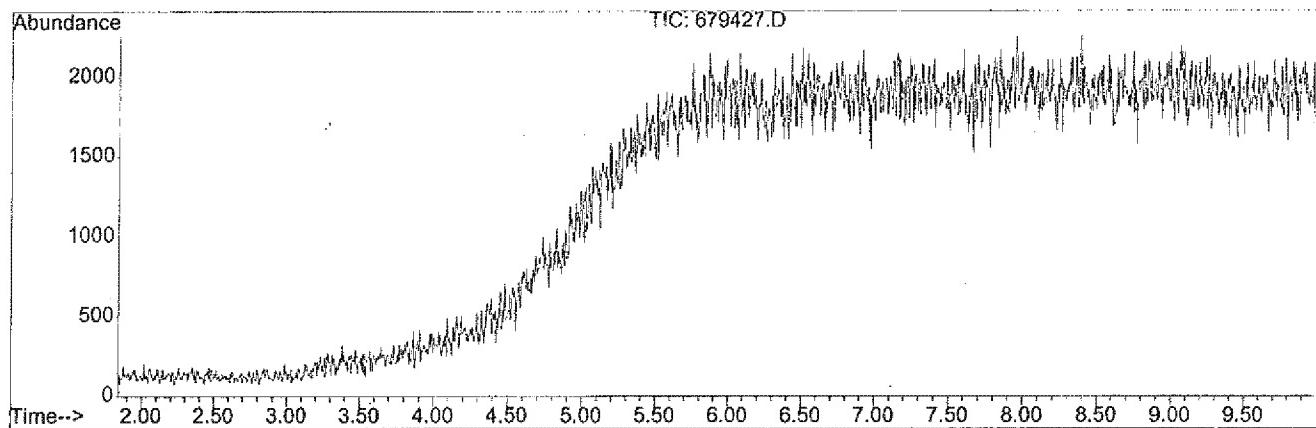
Froehde's PurpleOTHER TESTSMecke's GreenPRELIMINARY TEST RESULTSRESULTS HeroinGC/MS CONFIRMATORY TESTDATE 10/18/09RESULTS HeroinOKG
10/19/09MS OPERATOR ASDDATE 10/20/09

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679427.D
Operator : ASD
Date Acquired : 21 Oct 2009 15:19
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

✓ 22/10
1-22-10



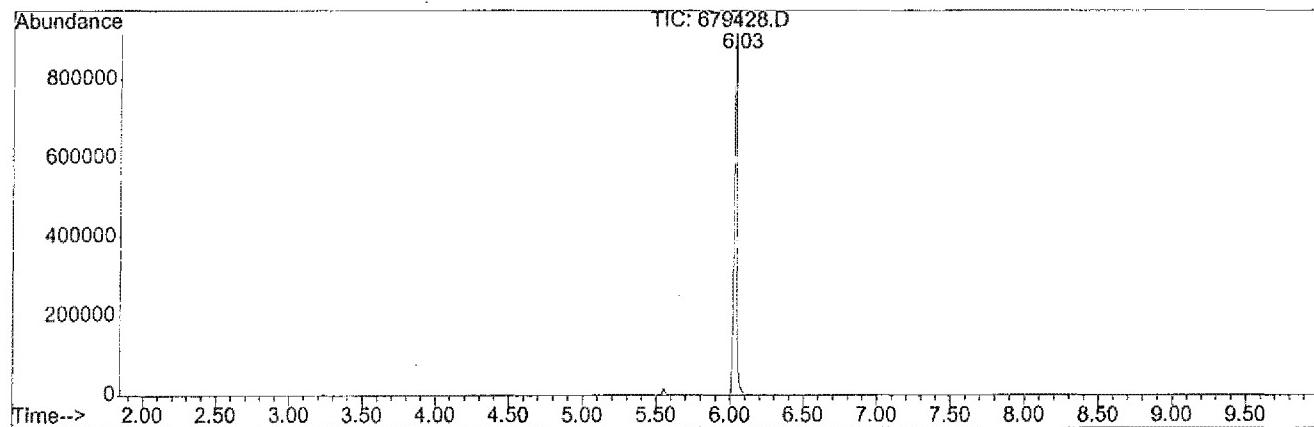
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679428.D
Operator : ASD
Date Acquired : 21 Oct 2009 15:31
Sample Name : HEROIN STD
Submitted by :
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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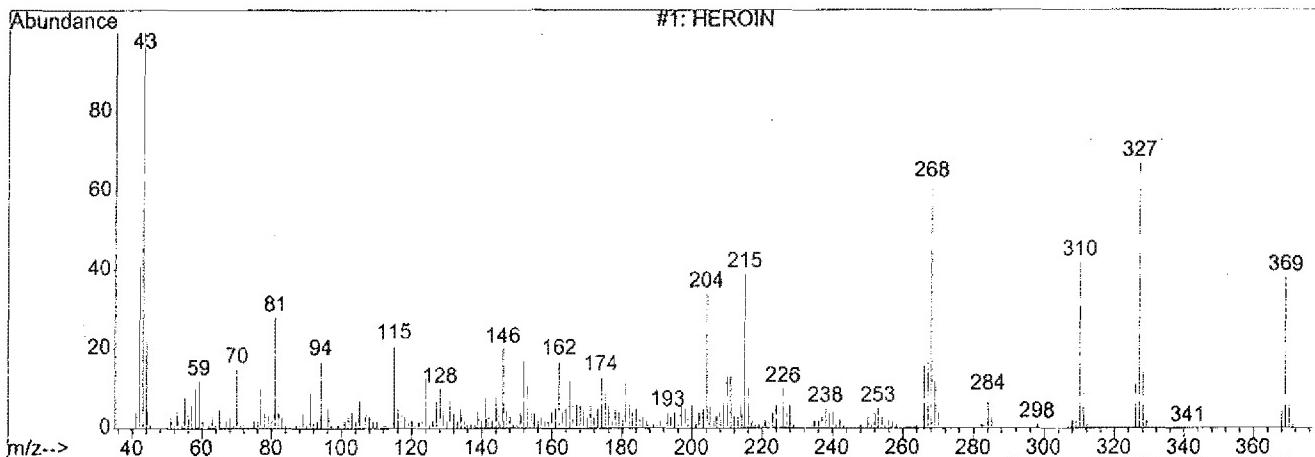
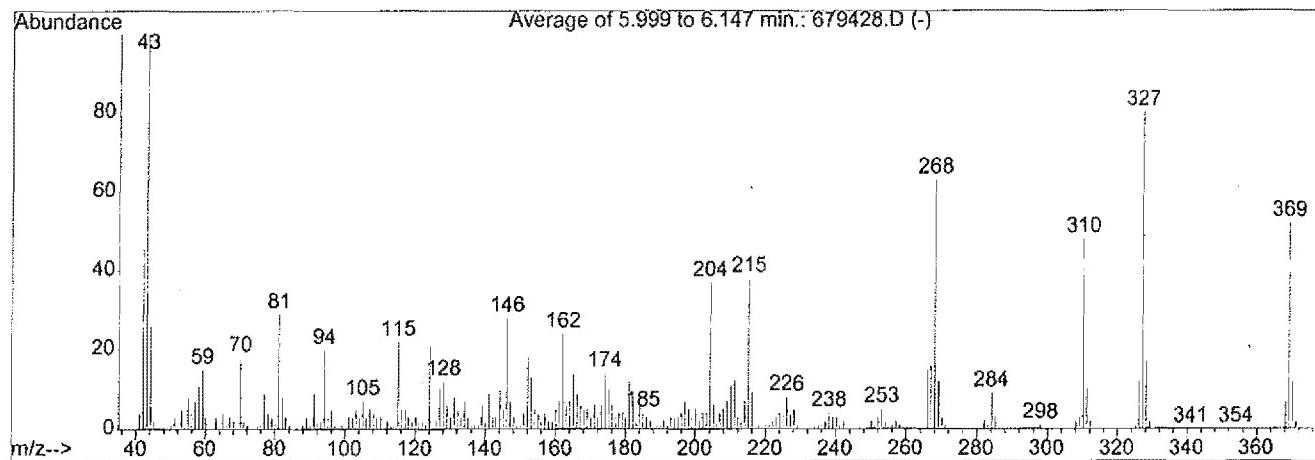
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679428.D
Operator : ASD
Date Acquired : 21 Oct 2009 15:31
Sample Name : HEROIN STD
Submitted by :
Vial Number : 28
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

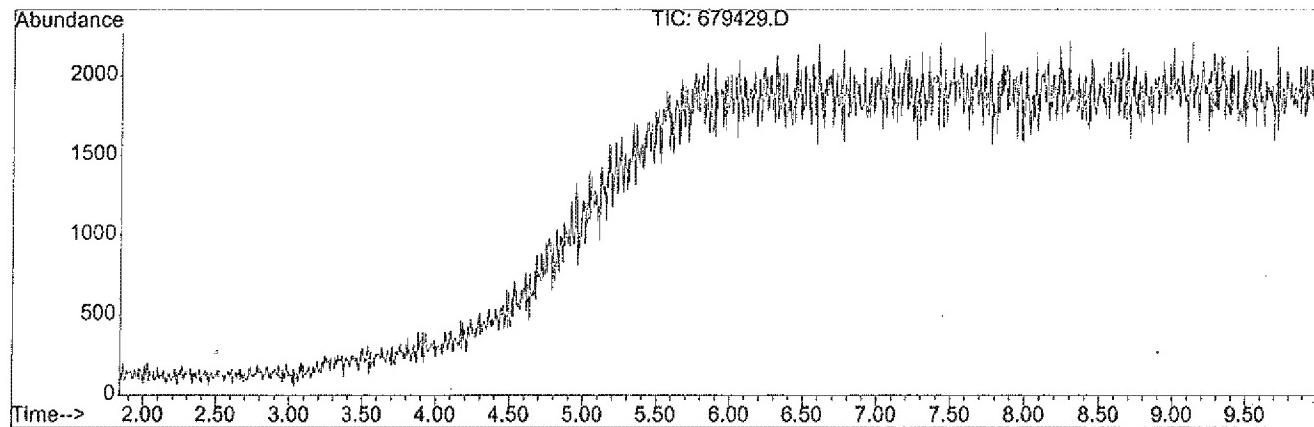
PK#	RT	Library/ID	CAS#	Qual
1	6.03	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679429.D
Operator : ASD
Date Acquired : 21 Oct 2009 15:44
Sample Name : BLANK
Submitted by : LAG
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



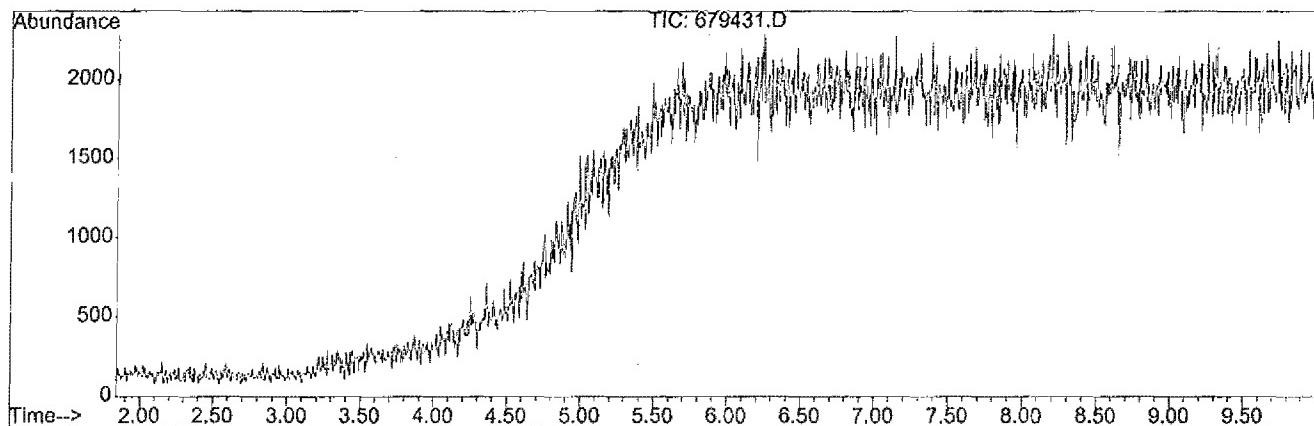
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679431.D
Operator : ASD
Date Acquired : 21 Oct 2009 16:09
Sample Name : BLANK
Submitted by : LAG
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



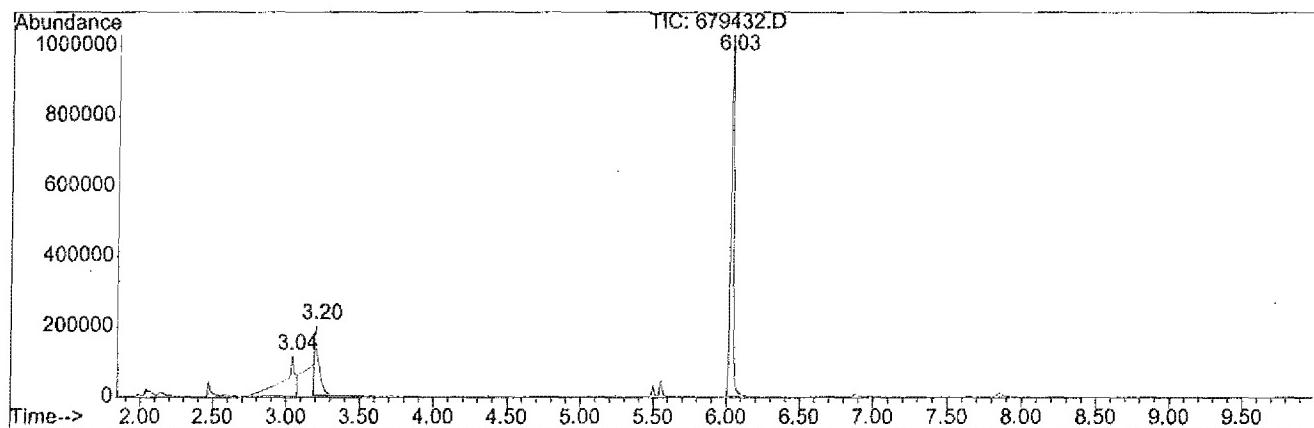
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679432.D
Operator : ASD
Date Acquired : 21 Oct 2009 16:22
Sample Name : XXXXXXXXXX
Submitted by : LAG
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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3.203	414325	16.44	28.53
6.031	1452394	57.62	100.00

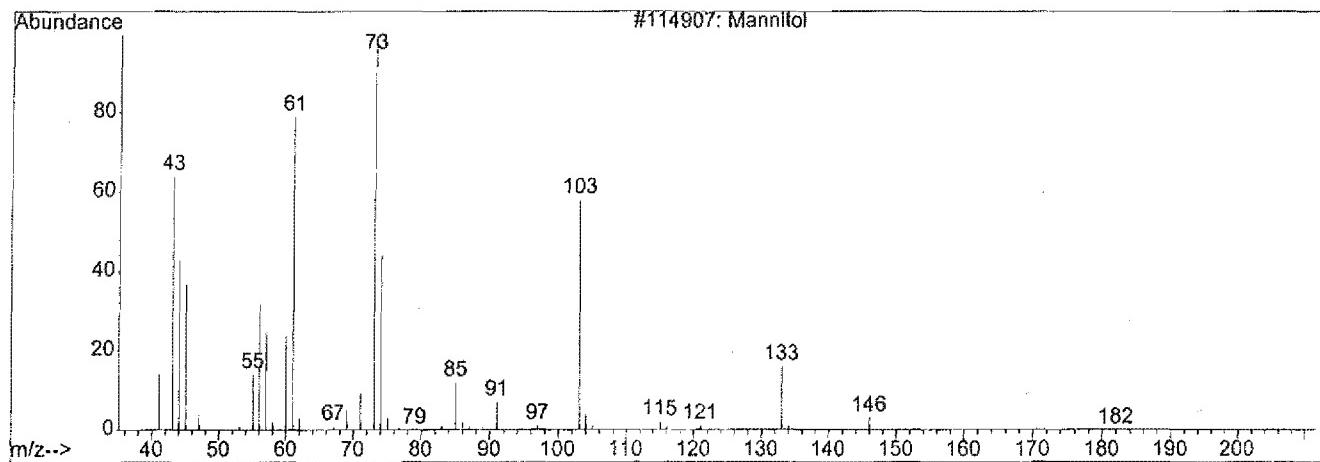
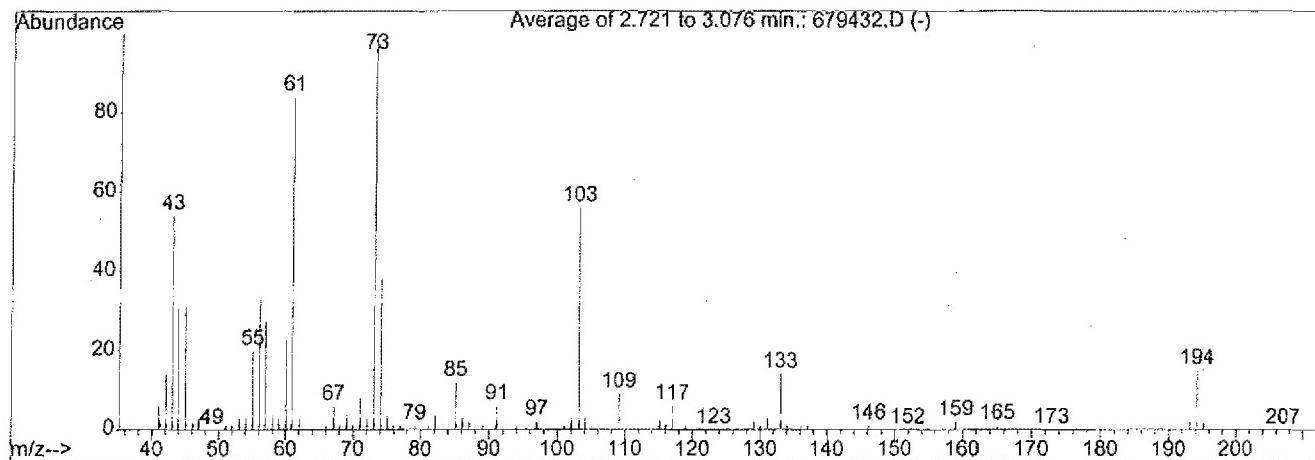
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679432.D
Operator : ASD
Date Acquired : 21 Oct 2009 16:22
Sample Name : XXXXXXXXXX
Submitted by : LAG
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	3.04	C:\DATABASE\NIST98.L		
		Mannitol	000069-65-8	91
		Sorbitol	000050-70-4	90
		Sorbitol	000050-70-4	83



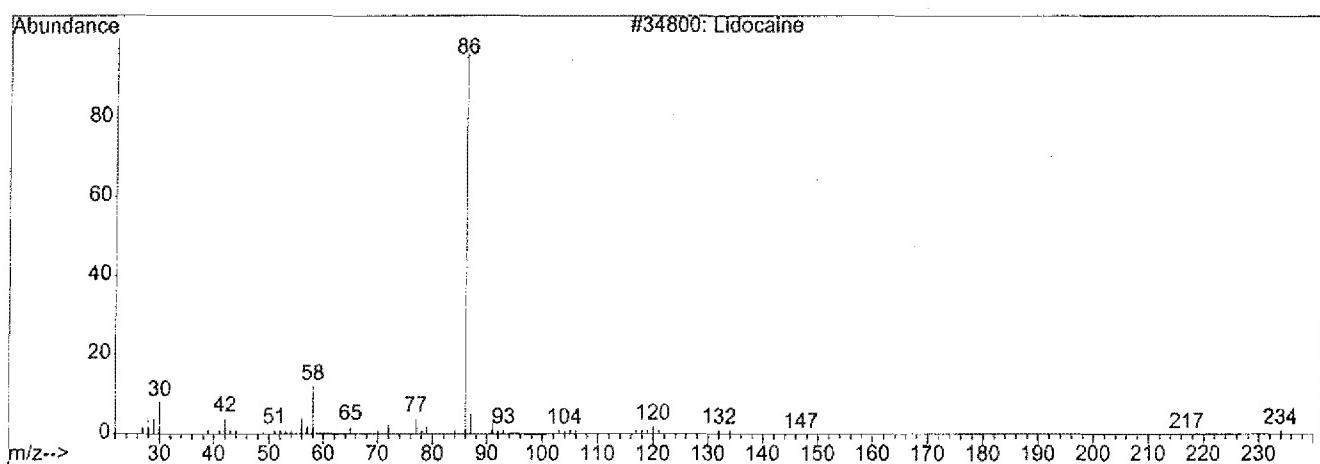
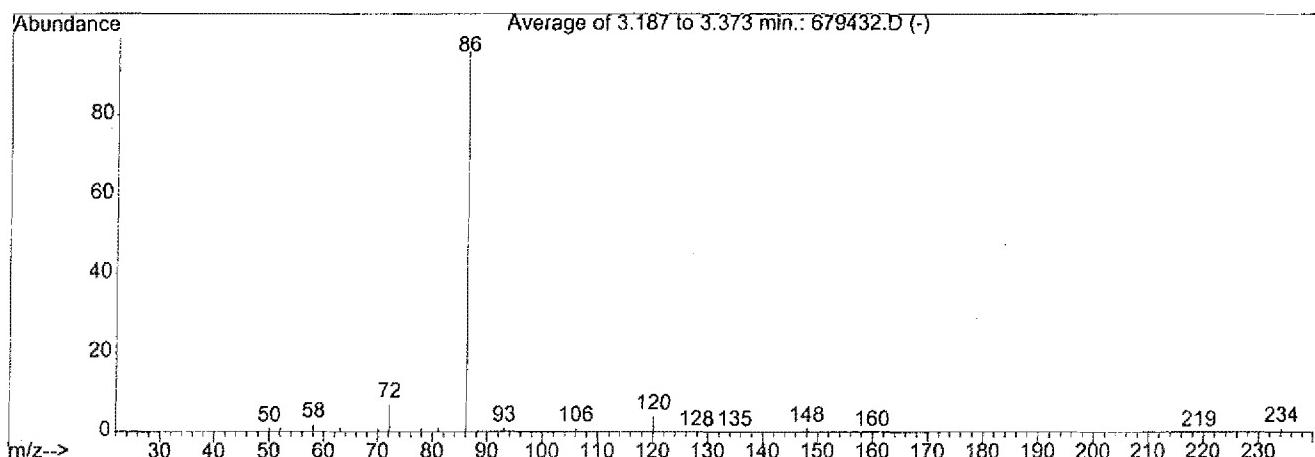
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679432.D
Operator : ASD
Date Acquired : 21 Oct 2009 16:22
Sample Name : XXXXXXXXXX
Submitted by : LAG
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	3.20	C:\DATABASE\NIST98.L		
		Lidocaine	000137-58-6	56
		Benzamide, 4-amino-N-[2-(diethylamino)ethyl]-	000051-06-9	5
		3-Methyl-benzoic acid, 2-diethylamino-	1000193-23-5	4



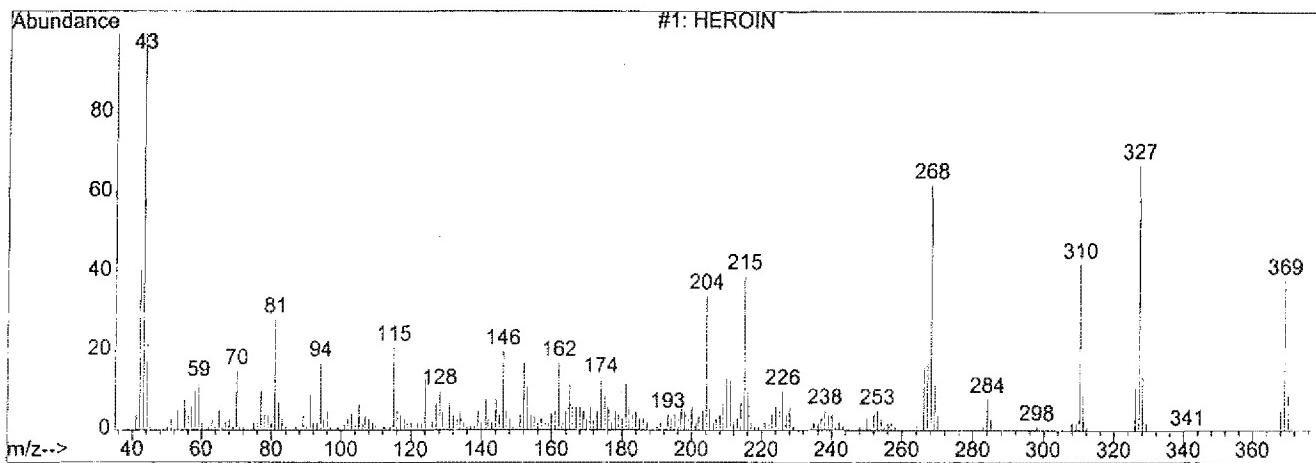
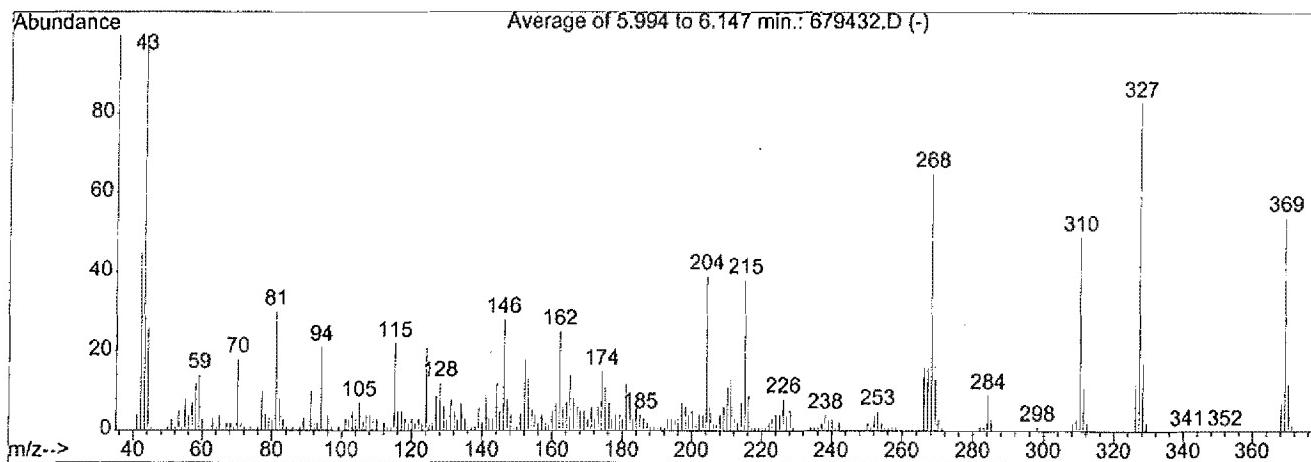
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679432.D
Operator : ASD
Date Acquired : 21 Oct 2009 16:22
Sample Name : XXXXXXXXXX
Submitted by : LAG
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

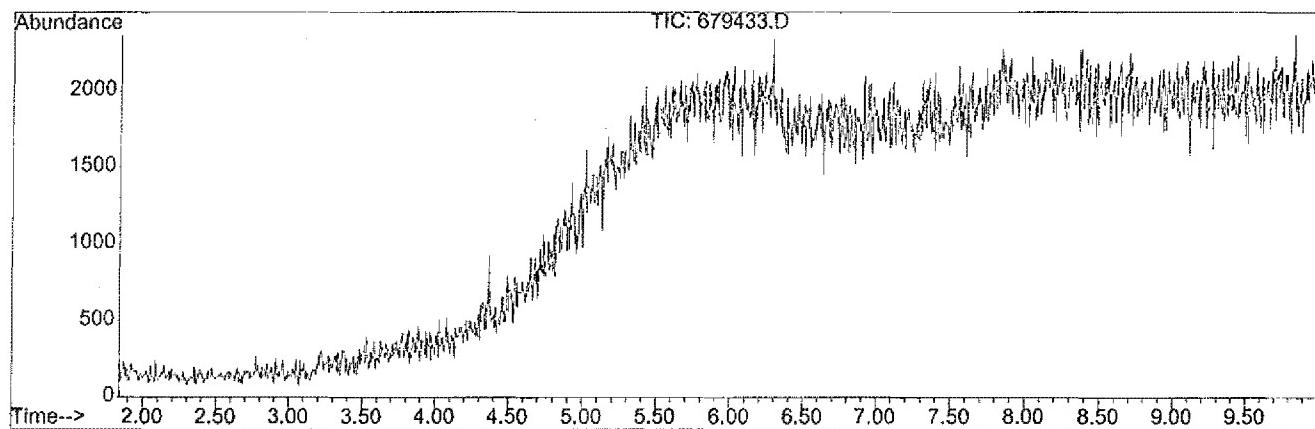
PK#	RT	Library/ID	CAS#	Qual
3	6.03	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679433.D
Operator : ASD
Date Acquired : 21 Oct 2009 16:34
Sample Name : BLANK
Submitted by : LAG
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



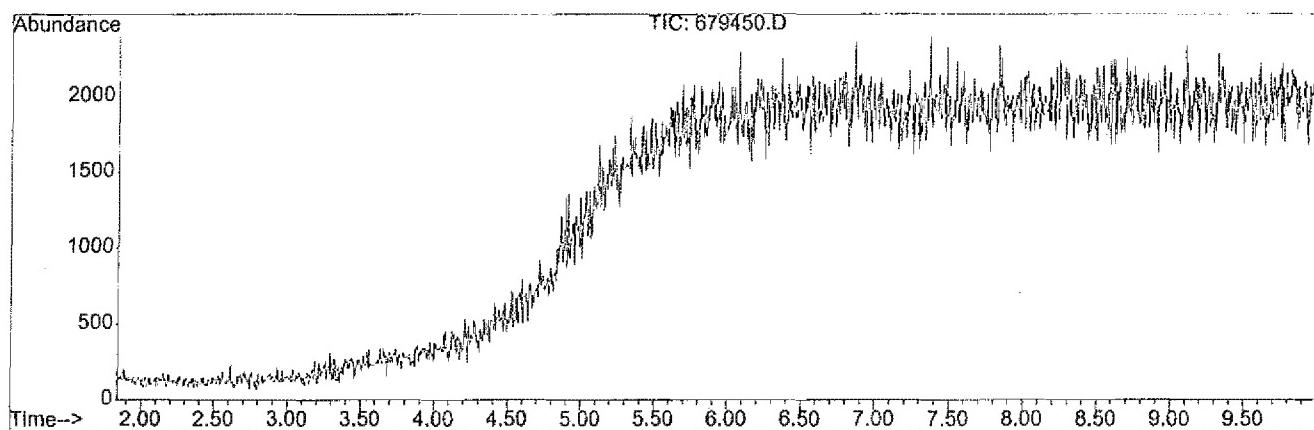
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679450.D
Operator : ASD
Date Acquired : 21 Oct 2009 20:09
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



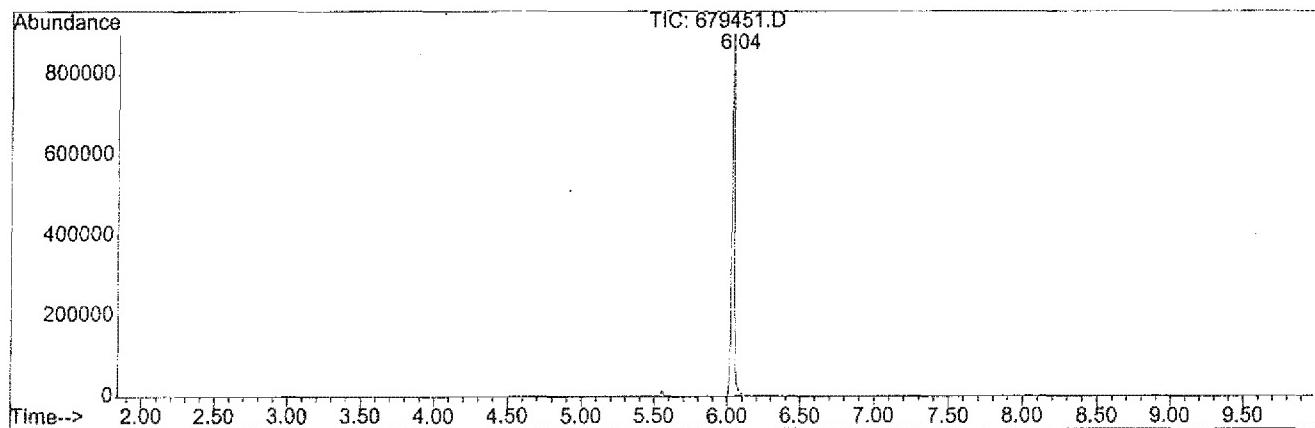
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679451.D
Operator : ASD
Date Acquired : 21 Oct 2009 20:22
Sample Name : HEROIN STD
Submitted by :
Vial Number : 51
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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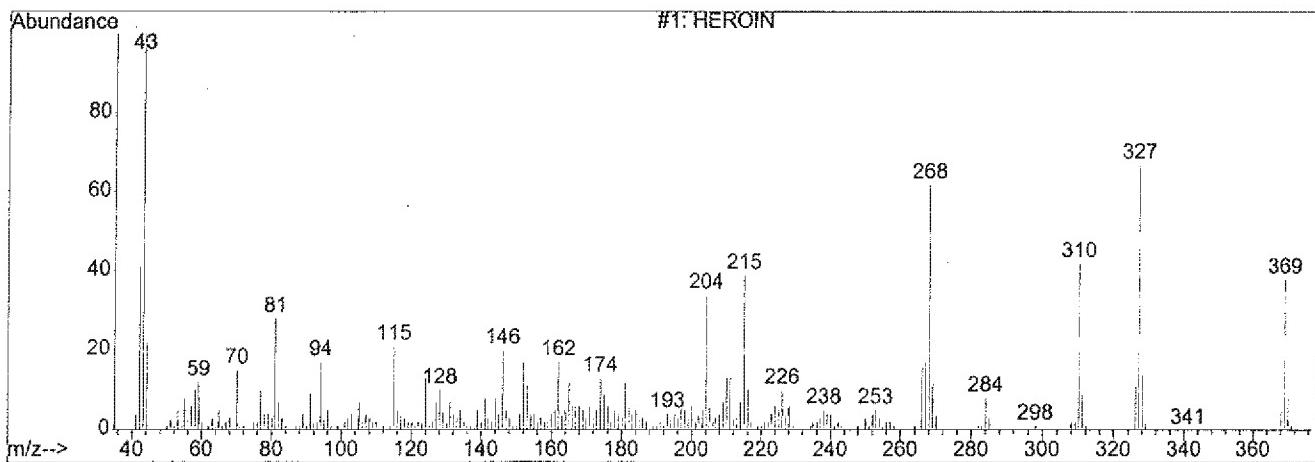
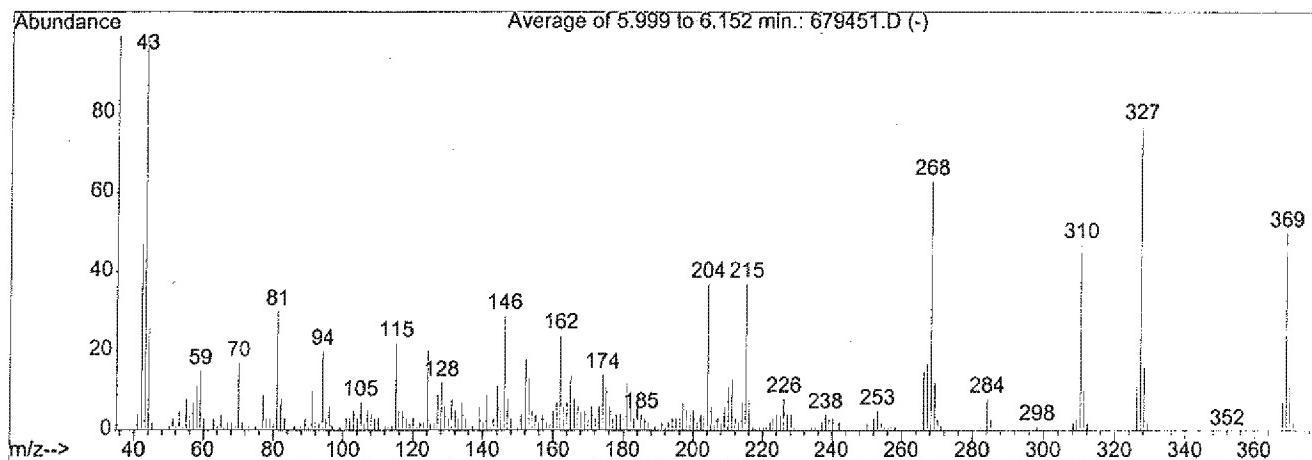
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679451.D
Operator : ASD
Date Acquired : 21 Oct 2009 20:22
Sample Name : HEROIN STD
Submitted by :
Vial Number : 51
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

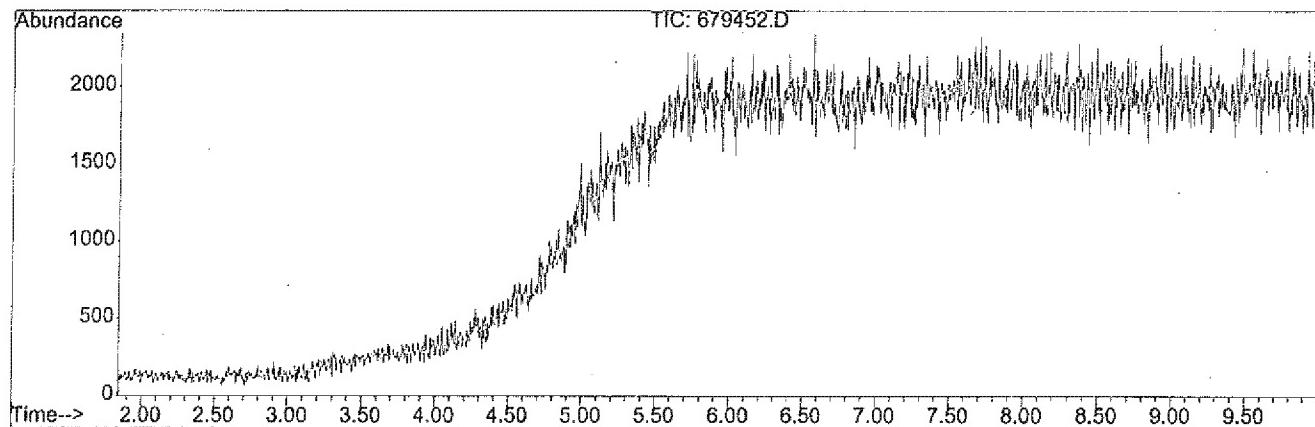
PK#	RT	Library/ID	CAS#	Qual
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Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q4-2009\SYSTEM 7\10_21_09\679452.D
Operator : ASD
Date Acquired : 21 Oct 2009 20:35
Sample Name : BLANK
Submitted by : CBS
Vial Number : 2
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS